

Router 2 Bypass (Router failed, what do)

These instructions are in the case Router 2 locks up or fails. Note that this will not be a quick process and should be done as neatly as possible for troubleshooting once the steps are complete and putting everything back. **DO NOT disconnect all wires out at the same time, disconnect them one at a time so it is easier to find the wires.**

The general problem is several inputs are routed to several outputs. So without several SDI DAs and significant time **some resources will be unavailable** even after steps are completed. Also keep in mind wiring may change, so look a wire numbers as well as the device name to make sure the correct devices are connected.

You will need 5 BNC barrels and 1 SDI DA w/6 outputs

See last page for all wire patching

Switcher Inputs:

Since the switcher is close to Router 2 and has many connections, you will move the wires from the Router directly to the Switcher

1. Camera router inputs 1-5 to switcher inputs 1-5:

(149) BOS Cam 1 Output 3	Switcher Input 1
(150) BOS Cam 2 Output 3	Switcher Input 2
(151) BOS Cam 3 Output 3	Switcher Input 3
(152) BOS Cam 4 Output 3	Switcher Input 4
(344) BOS Cam 5 Output 3	Switcher Input 5

2. Pres sources router inputs 15, 11, and 14 to switcher inputs 5-7:

(194) Presentation HD Crestron	Switcher Input 6
(345) VTC PC #1	Switcher Input 7
(252) Pres PC Output	Switcher Input 8

3. KiPro 2 router input 18 to switcher input 9:

(055) KiPro 2 Output 1	Switcher Input 9 (A-1)
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4. CG router inputs 59-60 to switcher inputs 10-11:

(029) CG Key Output	Switcher Input 10 (A-2)
(046) CG Fill Output	Switcher Input 11 (A-3)

Switcher Outputs:

Since the switcher is close to Router 2 and has many connections, you will move the wires from the Router directly to the Switcher

1. PGM Switcher Card E to embedders router outputs 43-44:

Switcher Program	(162) HD Audio Embedder Input
Switcher Card C SDI out 2	(163) Clean Audio Embedder Input

2. Switcher Aux to monitors/Crestron router outputs 49, 51, 32:

Switcher Aux out 1	(144) MV Mon
Switcher Aux out 2	(138) PVW Mon
Switcher Aux out 3	(196) Aux to Crestron

One to One Connections:

These wires will be barreled together

1. Embedder to CC Encoder router inputs 43, 44 to router outputs 45, 46:

(014) HD Audio Embedder Output

(267) HD CC Encoder Input

(156) Clean Audio Embedder Output

(268) Clean CC Encoder Input

2. Clean CC Encoder to patch panel for press:

(261) Clean CC Encoder output

(013) Ramp Tie

3. Wav/Vec to Engineering Mon router input 33 to router output 56:

(218) Wav/Vec

(202) Engineering Mon

HD PGM DA:

This will distribute HD PGM. Grab SDI DA with at least 6 Outputs.

1. HD CC Encoder out router input 45 to SDI DA in:

(260) HD CC Encoder Output Throw down SDI DA in

2. SDI DA to router out 17, 23, 30, 33, 48, and 57:

Throw down SDI DA out 1 (234) KiPro 1 Input 1

Throw down SDI DA out 2 (332) Helo/Wohler

Throw down SDI DA out 3 (154) PGM to Crestron

Throw down SDI DA out 4 (040) Serv Mon B Input

Throw down SDI DA out 5 (258) PGM to RTR 1 Input 3

Throw down SDI DA out 6 (206) Green Room Mon

Wire Patching Diagram:

RTR in	Wire #	Device Name	RTR out	Wire #	Device Name
1	149	BOS Cam 1 Output 3	N/A	N/A	Switcher Input 1
2	150	BOS Cam 2 Output 3	N/A	N/A	Switcher Input 2
3	152	BOS Cam 3 Output 3	N/A	N/A	Switcher Input 3
4	153	BOS Cam 4 Output 3	N/A	N/A	Switcher Input 4
5	344	BOS Cam 5 Output 3	N/A	N/A	Switcher Input 5
11	345	VTC PC #1	N/A	N/A	Switcher Input 6
14	152	Presentation PC	N/A	N/A	Switcher Input 7
15	194	Crestron Pres.	N/A	N/A	Switcher Input 8
18	055	KiPro 2 Output 1	N/A	N/A	Switcher Input 9 (A-1)
59	029	CG Key Output	N/A	N/A	Switcher Input 10 (A-2)
60	046	CG Fill Output	N/A	N/A	Switcher Input 11 (A-3)
N/A	N/A	Switcher Program	43	162	HD Embedder In
N/A	N/A	Switcher Card C out 2	44	163	Clean Embedder In
N/A	N/A	Switcher Aux out 1	49	144	MV Monitor
N/A	N/A	Switcher Aux out 2	51	138	PVW Monitor
N/A	N/A	Switcher Aux out 3	32	345	Aux to Crestron
43	014	HD Embedder Out	45	267	HD CC Encoder
44	156	Clean Embedder Out	46	268	Clean CC Encoder
45	260	HD CC Encoder output	25	013	Ramp Tie
33	218	Wav/Vec DA	56	202	Engineering Mon
46	261	Clean CC Encoder Output	N/A	N/A	Throw down DA in
N/A	N/A	Throw down DA out 1	17	234	KiPro 1 Input 1
N/A	N/A	Throw down DA out 2	23	332	Helo/Wohler
N/A	N/A	Throw down DA out 3	31	154	PGM to Crestron
N/A	N/A	Throw down DA out 4	33	040	Serv Mon B Input
N/A	N/A	Throw down DA out 5	48	258	PGM - RTR 1 Input 3
N/A	N/A	Throw down DA out 6	57	206	Green Room Mon